

Abstract

Power equipment widely used in commercial, residential and recreational settings comprises a host implement and a demountable motor. The host implement has a working piece dedicated to a single task. The host implement has a frame, a mounting block 5 secured to the frame, a driven shaft connected to the frame with a working piece connected to one terminus and a self-locating and locking coupler on the other terminus. The demountable motor has a drive shaft with a second self-locating and locking coupler on its terminus. When the demountable motor is positioned on the host 10 implement, the respective couplers mechanically mate so that a power from the demountable motor can be transferred to the working piece. The demountable motor is capable of being used on any one of several different host implements, all designed for performing 15 different work tasks.